

# TROUT IN THE THE CLASSROOM



Spawning Adults (40-100cm)

Eggs (5-7 mm)

October - December

Freshwater

Diet:

Eyed Ova

March - April

Alevin  
(2-3 cm)

Fry  
(3-4 cm)

Parr  
(4-10 cm)

Smolt (12-16 cm)

April June

1-3 Years

Stonefly

Mayfly

Caddis fly

Midge larva

Caddis larva

Marine  
Diet:

1-2 Years

Feeding  
Adult  
(40-100cm)

Krill

Crustaceans

Sand Eel



## Survival Chart for an Average Salmon Family

		Number
Eggs		7500
Alevin		4500
Fry		650
Parr		200
Smolts		50
Returning Adults		4
Adults Spawning		2

# REQUIREMENTS

- 1. QUALIFYING THE TEACHER AND
- SCHOOL
- 2. IN-SERVICE WORK SESSION
- 3. SET UP THE AQUARIUM
- 4. DELIVERY OF THE EGGS
- SALMON IN NOVEMBER
- STEELHEAD IN FEBRUARY

# TEACHER AND SCHOOL

- ALL PUBLIC SCHOOLS QUALIFY FOR THE PROGRAM.
- THE TEACHER MUST BE EMPLOYED BY THE SCHOOL
- THIS IS A TEACHER RUN PROGRAM.
- THE TEACHER MUST ATTEND A DFG IN-SERVICE WORKSHOP PRIOR TO RECEIVING EGGS.

# EQUIPEMENT

- 1. AQUARIUM SET-UP WITH AN UNDER
- UNDER GRAVEL FILTER SYSTEM
- POWER HEAD
- COOL WORKS ICE PROBE OR
- CHILLER UNIT
- FOAM INSULATION FOR UNITS WITH
- ICE PROBE.







salmon  
life cycle

Fall is  
the best time to visit







A Premier Insultoar



SEC-  
JAGAL  
Thank you  
for your  
support

SALMON IN THE CLASSROOM



*Diablo Valley Fly Fishermen*

FOR MORE INFORMATION CONTACT:

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PROGRAM OPEN TO ALL NETWORK

Type 1  
1#

# HATCHERY

- 1. EGGS ARE SUPPLIED BY DFG
- 2. EGGS ARE PICKED UP IN
- NOVEMBER – SALMON
- FEBRUARY - STEELHEAD













# THE CLASSROOM

- 1. EGGS ARE DELIVERED ON A
- SPECIFIC DAY.
- 2. EGGS ARE DELIVERED DURING
- THE SCHOOL DAY
- 3. STUDENTS HAVE A CHANCE TO
- SEE THE EGGS DELIVERED AND
- HAVE A CHANCE TO ASK
- QUESTIONS.

















# THE EGGS

- 1. NORMALLY IT WOULD TAKE A
- COUPLE OF WEEKS TO HATCH
- THE EGGS THAT ARE DELIVERED
- FROM THE HATCHERY.
- THEY FINGERLINGS ARE KEPT
- FOR A SHORT TIME AND THEN ARE
- RETURNED TO THE RIVER









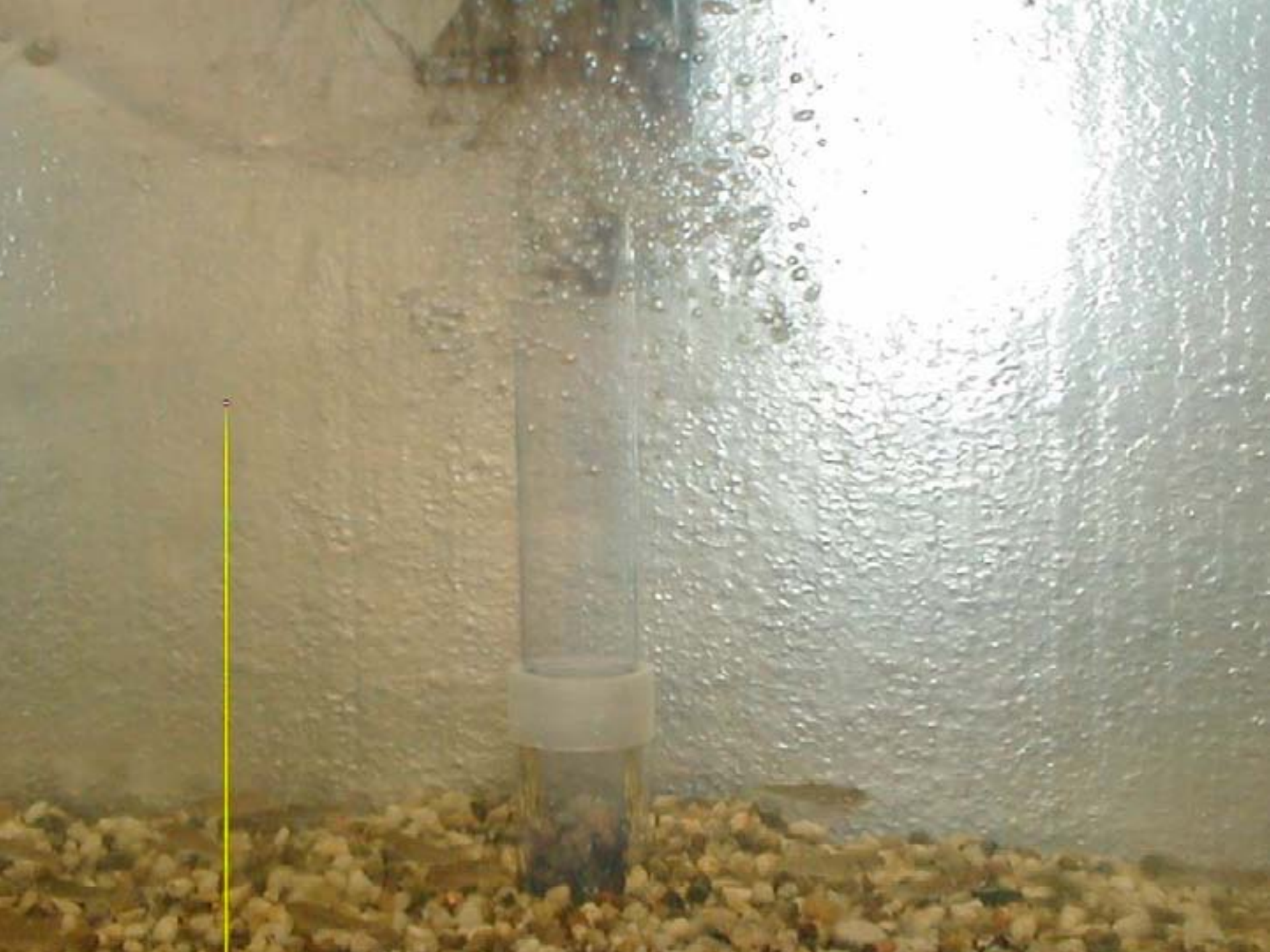
## Alevin or Sac Fry















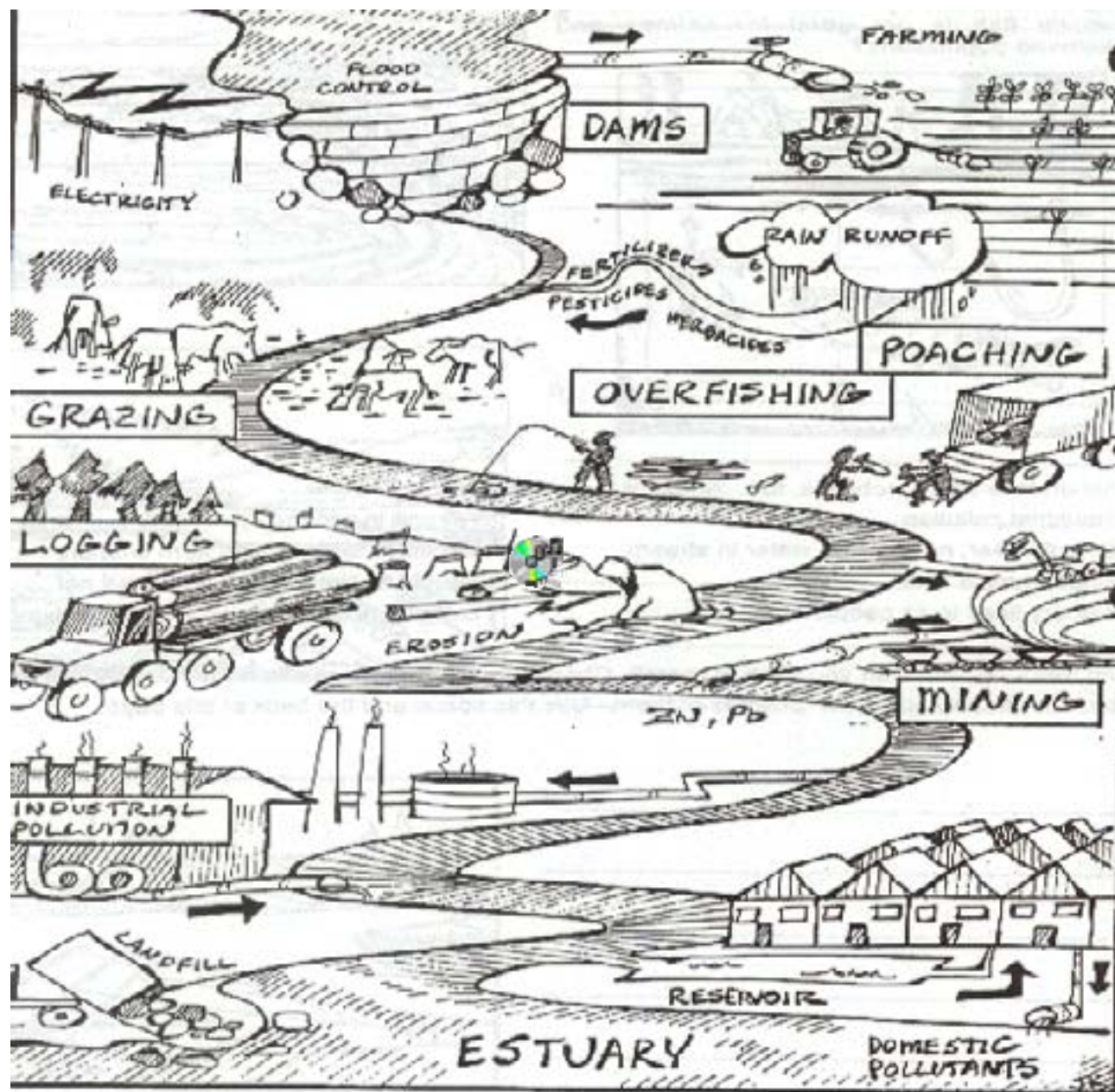




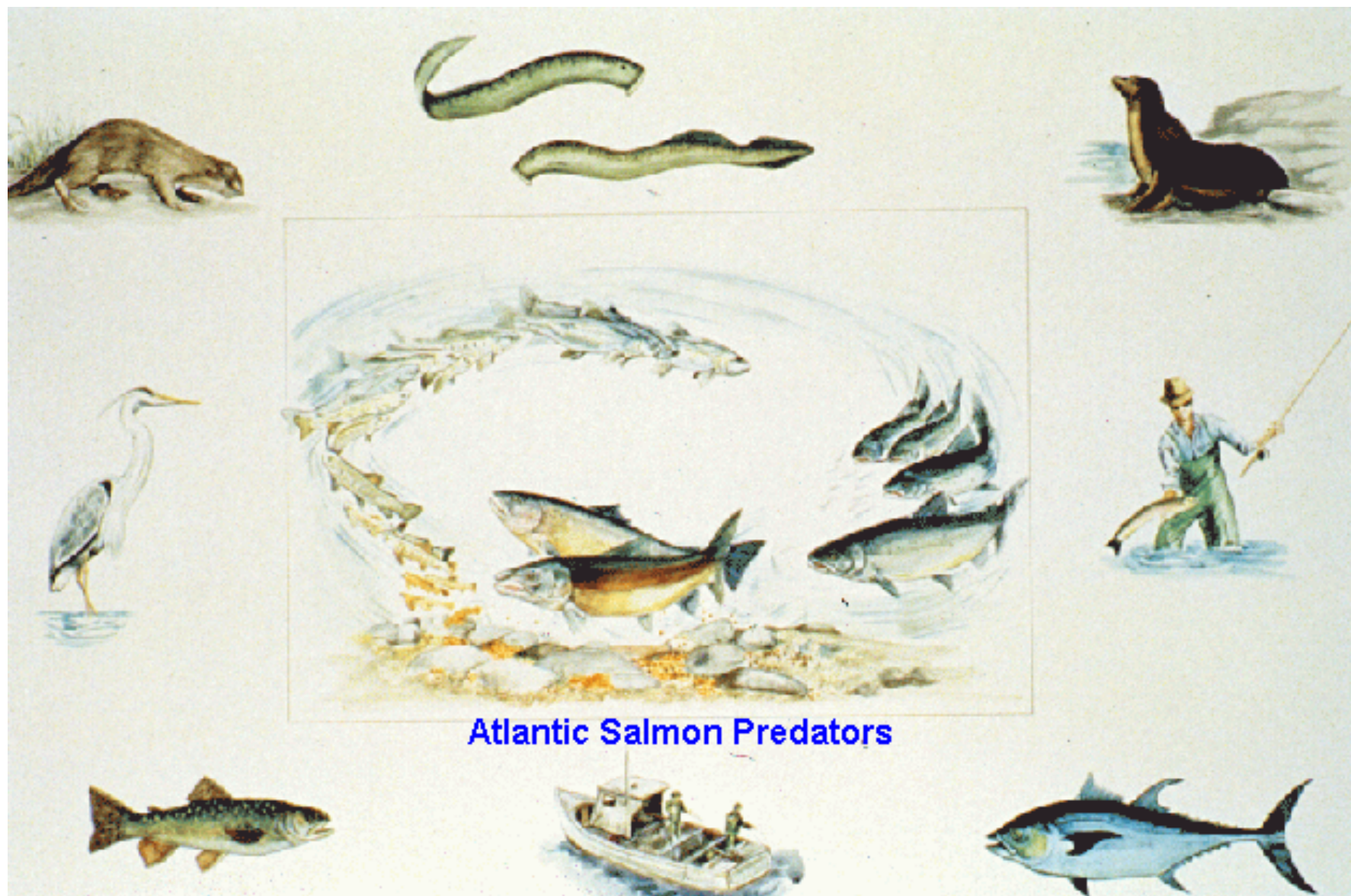


# PREDATORS & PREYS

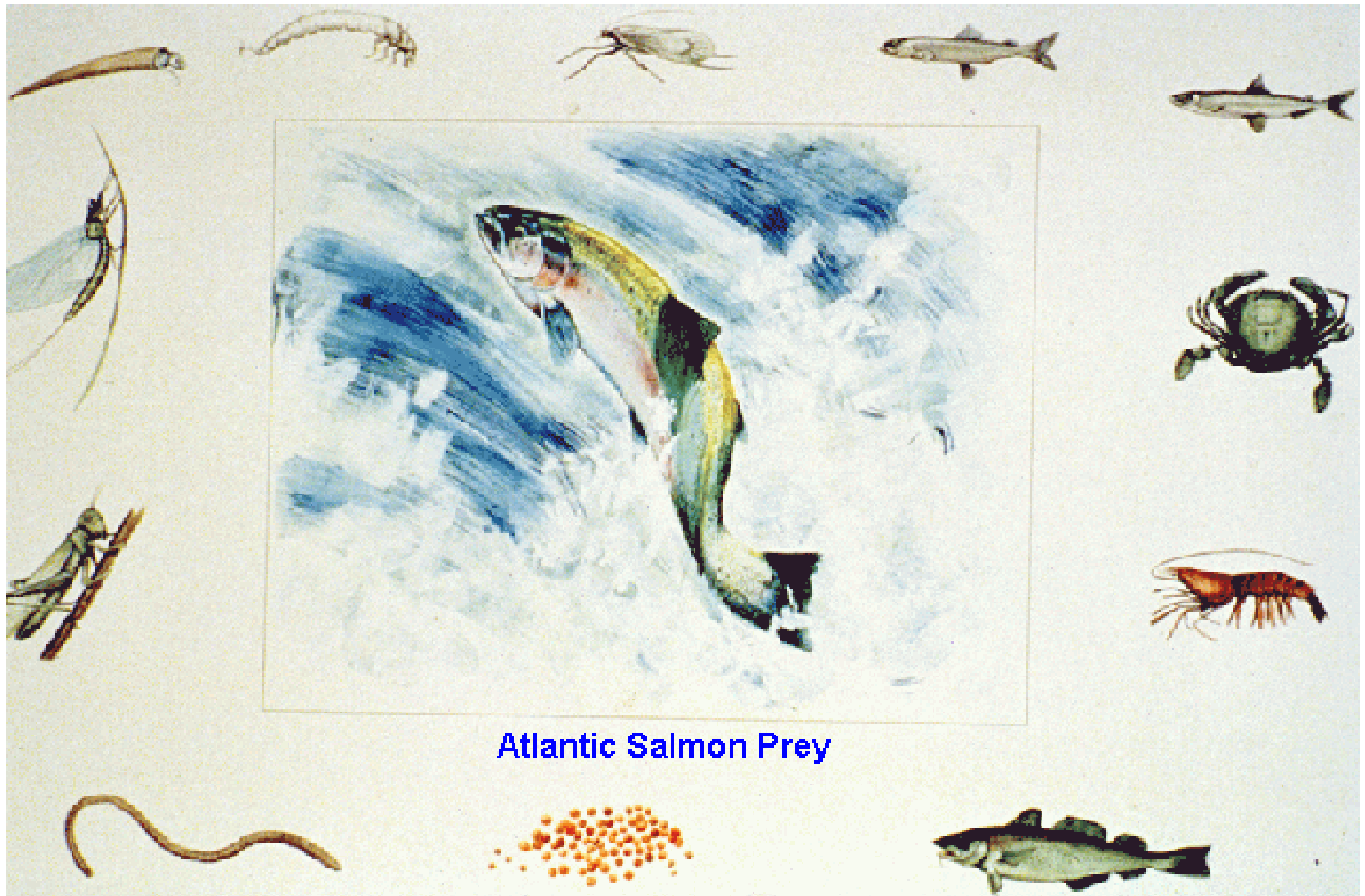








Atlantic Salmon Predators



# RELEASE

- ALL THE FINGERLINGS NEED TO BE
- RELEASED AT A SPECIFICED AREA
- DESIGNATED BY DFG.
- DURING THE ENTIRE PROCESS, THE
- PERMIT FOR THE EGGS MUST BE
- KEPT BY THE TEACHER AND THEN
- RETURNED AFTER THE FINGERLINGS
- HAVE BEEN RELEASE BACK TO THE
- RIVER